Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What are the steps of alternatives for building mobile App?

2. Write a note on history of android.

3. What is IDE?

4. Define: "Intents".

5. Mention the steps to linking activities in android.

6. Show the purpose of fragments.

7. What are the image views to display pictures?

8. Give the purpose of picker views.

9. State the uses of sending e-mail.

10. What do you mean by content providers?

11. Define: "HTTP".

12. What do you mean by thread?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Distinguish between the native and hybrid applications.

14. Summarize the mobile application back-end.

15. Explain the steps to create the user interface programmatically.

16. Describe the managing changes to screen orientation.

17. Elaborate the save and load user preferences.

18. Bring out the importance of SMS messaging.

19. Write down the consuming JSON services.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Outline the steps to launching your first android application.

21. Discuss the need of utilizing the action bar in android.

22. Illustrate the steps to create and uses of databases in android.

23. Demonstrate the monitoring a location in android.

24. Examine the binding activities to services.

———————